KHARITONOVICH, Fedor Nikolayevich, professor; STRATONOVICH, A.I., redaktor; OSOKINA, A.M., redaktor izdatel'stva; SHITS, V.P., tekhnicheskiy redaktor

[The European spindle tree and how to grow it] Bereskiet evropeiskii i agrotekhnika ego vyrashchivaniia. Moskva, Goslesbumizdat, 1956. 108 p. (MLRA 10:2)
(Spindle tree)

KHARITONOVICH, F.N., prof., red.; YURRE, N.A., red.; SVETLAYEVA, A.S., red.izd-va; BACHURINA, A.M., tekhn.red.

[Collection of papers on forestry] Sbornik rabot po lesnomu khoziaistvu. Pod obshchei red. F.N.Kharitonovicha. Moskva, Goslesbumizdat, 1957. 74 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye sel'skokhozyaystvennoy nauki.
(Forests and forestry)

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29918

Author : Kharitonovich, F.N.
Inst :
Title : Cuttation of the Spindle Tree, Evonymus Europaea.

Orig Pub : Vestn. s.-kh. nauki, 1957, No 2, 104-106 (resume English. German)

Abstract : In field tests made on the medium podzolizated loam soil in Moskovskaya Oblast', the gray forest loam soil of Vinnitskaya Oblast' and the carbonate Pre-Caucasian chernozem soil of Krasnodarskiy Kray, the growth of the spindle tree on the chernozem was very much better than on the gray forest soils and the podzolizated loams. With improved soil and climatic conditions there was sturdier growth in the surface parts and root system of the spindle tree and thicker root rind. Data is given on the average weight of the root system, the output of

Card 1/2

K

Country : USSR
Category: Forestry Forest Cultures.

Abs Jour: RZhBiol., No 12, 1958, No 53493

Author : Kharitonovich, F.M.
Inst : All-Union Sci. Res. Inst. of Forestry and Mechanization of Forest Management
Title : The Relationship of Fruit Bearing to the Vigor of Growth in the European Spindle Tree.

Orig Pub: Byul nauchno-tekhn inform. Vses. n.-i. in-t lesovodstva i mekhaniz. lesn. kh-va, 1957, No 4, 3-8

Abstract: The experiments were conducted during 1955-1956 at the Ivantcyev nursery of the All-Union Scientific Research Institute of Forestry and Mechanization of

Card : 1/3

KHARITONOVICH, F.N. [Kharytanovich, F.N.]

Growth characteristics of pine in the course of the growing period under conditions prevailing in the forest zone. Vestsi AN BSSR. Ser. biial. nav. no.2:29-34 '61. (MIRA 14:7)
(PINE) (GROWTH (PLANTS))

KHARITONOVICH, F.N.

Growth of the Siberian larch in artificial plantations during the growing season. Sbor. nauch. rab. Bel. otd. VBO no.3:137-143 '61. (MIRA 14:12)

(Pushkino--Larch) (Growth (Plants))

KHARITONOVICH, F.N., otv. red.; BEREZENKO, N.M., zam. otv. red. MOISEYENKO, F.P., red.; ORLENKO, Ye.G., red.; OSTROGLAZOV, V.A., red.; RYVKIN, B.V., red.; SAVCHENKO, A.I., red.; SINITSKIY, V.P., red.; POBEDOV, V.S., red.; BARKAN, V., red.; ZUYKOVA, V., tekhn. red.

[Forestry science and practice]Lesovodstvennaia nauka i praktika. Minsk, Sel'khozgiz BSSR, 1962. 246 p. (MIRA 16:1)
(White Russia--Forests and forestry)

KHARITONOVICH, F.N. [Kharytanovich, F.M.], doktor sel'skokhoz.nauk

Growth of spruce in pure spruce and mixed pine and spruce plantations during the growing period. Vestsi AN BSSR.Ser. biial.nav. no.3:20-25 '62. (MIRA 15:12)
(MOSCOW PROVINCE--SPRUCE)

KHABITOVICH, F.N.

Productivity of trees in an even-aged pine stand. Bot. issl. Bel. otd. VBO no.5:120-127 '63. (MIRA 17:5)

KHARITONOVICH, K.F.; CHEPELEVETSKIY, M.L.

Study of calcium precipitation as molybdate by phototurbidimetric titration. Zhur. anal. khim. 20 no.6:743-745 '65.

(MIRA 18:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

S/078/60/005/009/007/017
B015/B064

AUTHORS: Abrikosov, N. Kh., Bankina, V. F., Kharitonovich, K. F.

TITLE: Investigation of the Phase Diagram of the System Bi-Se

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 9, pp. 2011-2015

TEXT: The system Bi-Se was examined in the range of from 0 to 37% Se by the methods of microstructural analysis, thermal analysis, and measurement of electrical conductivity, as well as of thermo-electromotive force. Thermal analysis was made with a Kurnakov pyrometer by recording the heating curves. The electrical conductivity and thermo-electromotive force were measured with a ППТВ-1 (PPTV-1) potentiometer. The microstructural analyses led to the finding of a new compound with the approximate composition Bi_2Se, which is formed as a result of a peritectic reaction at 468°C. A range of solid solutions forms on the basis of the compound BiSe at concentrations of from 21 to 32% Se. A peritectic reaction at 607°C corresponds to this range. The phase diagram (Fig. 5) of the system

Investigation of the Phase Diagram of the System Bi-Se

S/078/60/005/009/007/017
B015/B064

Bi-Se was recorded on the basis of the thermal- and microstructural analyses. The polymorphic transformation of BiSe assumed by Tomoshige (Ref. 4) was not proven, and the thermal effect is traced back to the formation of Bi_2Se. The measurements of the electrical conductivity and thermo-electromotive force (Table) show that at slight deviations from the stoichiometric composition of the compound Bi_2Se_3 the electrical conductivity increases, while the thermo-electromotive force decreases. This is explained by a low solubility of bismuth and selenium in the compound Bi_2Se_3. S. A. Semiletov and P. P. Konorov are mentioned in the paper. There are 9 figures, 1 table, and 9 references: 2 Soviet, 2 US, 2 French, 2 Italian, and 1 Japanese.

SUBMITTED: May 6, 1959

Card 2/2

CHEPELEVETSKIY, M.L.; KHARITONOVICH K.F.

Solubility product of lead molybdate. Zhur. anal. khim. 18 no.3:357-359 Mr '63. (MIRA 17:5)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

ABRIKOSOV, N.Kh.; BANKINA, V.F.; KHARITONOVICH, K.F.

Phase diagram of the system Bi - Se. Zhur.neorg.khim. 5 no.9: 2011-2016 S '60. (MIRA 13:11)
(Bismuth) (Selenium)

CHEPELEVETSKIY, M.L.; KHARITONOVICH, K.F.

Titimetric attachment to a photocolorimeter. Zav. lab. 31 no.2:253-254 '65. (MIRA 18:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova.

ACC NR: AT6036705 SOURCE CODE: UR/0000/66/000/000/0179/0185

AUTHOR: Severdenko, V. P. (Academician AN BSSR); Klubovich, V. V.; Kharitonovich, M. V.

ORG: none

TITLE: A study of the nonuniformity of deformation during upsetting with the superposition of mechanical oscillations of ultrasonic frequency

SOURCE: AN BSSR. Fiziko-tekhnicheskiy institut. Plastichnost' i obrabotka metallov davleniyem (Plasticity and metalworking by pressure). Minsk, Nauka i tekhnika, 1966, 179-185

TOPIC TAGS: ~~upset~~ metal forging, aluminum, ultrasonic vibration, ultrasonic field, plastic deformation, deformation distribution, wave velocity, impact stress

ABSTRACT: A study was done on the deformation distribution, perpendicular and parallel to the sample axis, during free upsetting with superimposed ultrasonic oscillations. Aluminum cylinders were used with diameters of 8 and 10 mm, and heights of 12 and 15 mm; the ratio of diameter to height was kept constant at 0.66. A PMS-15A transducer having a conical head induced ultrasonic oscillations with a resonant frequency of 19 kc. Before deformation, spaced threads were engraved over the diameter of specimens, and the amount of deformation (ε) was calculated from the changes in thread spacing

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ACC NR: AT6036705

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721820010-

after deformation:

$$\varepsilon = (A-a)/a\ 100\%,$$

where A is the thread spacing after deformation, and a is the thread spacing before deformation. Curves showed the deformation distribution in the transverse direction at various distances from the sample ends. Large differences were observed when ultrasonic oscillations were superimposed on ordinary upsetting. The largest values of ε occurred at the sample ends and near the sample axis. In the absence of ultrasonic oscillations, the upset deformation at the ends was retarded by cracks which formed along the contact surface; however, at the central portion of the sample the value of ε was greater than after upsetting with ultrasonic oscillations. Ultrasonic oscillations changed the deformation distribution along the length and cross section of the upset samples. This was caused by the repeated compressive impact occurring as a result of ultrasonic vibrations. Partial differential equations were presented for dynamic impact conditions using the von Karman approach for determining the speed of the deformation wave. An equation was given for the residual deformation on the ends of a rod after a given number of impacts. Orig. art. has: 2 figures, 4 formulas.

SUB CODE: 11/ SUBM DATE: 08Jul66/ ORIG REF: 006/ OTH REF: 001

Card 2/2

ACC NR: AT6036706 SOURCE CODE: UR/0000/66/000/000/0186/0190

AUTHOR: Severdenko, V. P. (Academician AN BSSR); Klubovich, V. V.; Kharitonovich, M. V.

ORG: none

TITLE: A study of microhardness distribution through the volume of a sample deformed in an ultrasonic field

SOURCE: AN BSSR. Fiziko-tekhnicheskiy institut. Plastichnost' i obrabotka metallov davleniyem (Plasticity and metalworking by pressure). Minsk, Nauka i tekhnika, 1966, 186-190

TOPIC TAGS: ultrasonic field, metal upset forging, compressive property, microhardness, plastic deformation, electrolytic polishing

ABSTRACT: The effect of ultrasonic oscillations on the microhardness distribution through the entire volume of a deformed iron sample was studied. Ultrasonic vibrations at 19 kc were induced by a UZG-10M generator using a PMS-15A magnetostrictive transducer. A conical head having a 3.5 amplification factor transmitted the oscillations to the annealed samples (8 mm diameter and 12 mm height) at a constant intensity. After upset deformation, the samples were sectioned along the surface and axis, and the microhardness was taken at various distances from the sample ends. The microhardness

Card 1/2

ACC NR: AT6036706

distribution is given for deformations of 26.6 and 23.2% showed larger values at sample ends and along the outside perimeter as a result of superimposed ultrasonic oscillations. Samples prepared by mechanical polishing had greater and more uniform hardness values than electropolished samples, although the trend of the results was the same. With ordinary upsetting (no ultrasonic field) the microhardness was more uniform with the maximum hardness occurring in the central volume of the samples; the minimum value occurred at the ends, near the sample axis. Increased deformation raised the microhardness, although the distribution became more uniform. For ordinary upsetting the retarded deformation near the sample ends was due to cracks which formed along the contact surfaces. Ultrasonic oscillations caused intensified flow of metal on the contact surfaces, with maximum deformation at the sample axis. Orig. art. has: 2 figures.

SUB CODE: 11/ SUBM DATE: 08Jul66/ ORIG REF: 002

Card 2/2

L 46130-66 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW

ACC NR: AP6026965 SOURCE CODE: UR/0250/66/010/007/0465/0467

AUTHOR: Severdenko, V. P.; Klubovich, V. V.; Kharitonovich, M. V. 66 B

ORG: Physico-Technical Institute, AN BSSR (Fiziko-tekhnicheskiy institut AN BSSR)

TITLE: Distribution of second order residual stresses during the deformation of a metal in an ultrasonic field 14 15

SOURCE: AN BSSR. Doklady, v. 10, no. 7, 1966, 465-467

TOPIC TAGS: ultrasonic vibration, plastic deformation, x ray analysis, crystal lattice distortion

ABSTRACT: It has already been established that ultrasonic oscillations influence the plastic deformation of metals by facilitating slip processes, changing the nature of the distribution of deformation, etc. A study was undertaken to clarify the role of ultrasonic oscillations on the magnitude and distribution of residual microdeformation in crystal lattices and the second order residual stresses in samples after their deformation. Samples of Armco iron (8 mm in diameter and 12 mm long) were deformed to similar levels of strain, with and without an ultrasonic field of 19 Khz. The ultrasonic source was a PMS-15A[16] magnetostrictive convertor. After applying deformations of 5, 10, 15, 25 and 50% the samples were examined for residual stresses by x-ray methods. The residual lattice microstress ($\Delta a/a$) was determined from the formula

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$$\Delta a/a = \beta_n/4\mathrm{tg}\theta,$$

where θ is the Wulff-Bragg angle for (220) lines. The corresponding second order microstresses were calculated from

$$\sigma_{z0} = \frac{3}{\chi}\frac{\Delta a}{a} = \frac{E}{1-2\mu}\frac{\Delta a}{a},$$

where χ is compressibility, E is the elastic modulus and μ is the Poisson ratio. This stress was determined experimentally on milled faces of samples, in central portions as well as in layers lying 0.2, 1.0 and 2.5 mm below the faces. The distribution of σ_{z0} was given as a function of sample height for varying deformations under both ordinary and ultrasonic conditions. For ordinary deformation σ_{z0} rose sharply within the range of deformation from 0 to 25%, but slowly above 25%. Under an ultrasonic field σ_{z0} also rose sharply up to 10% deformation--this time, however, it dropped above 10%. The general level of microstress was lower under the ultrasonic field as a result of the finer distribution of microstress and the localized increase in temperature upon absorption of ultrasonic energy by lattice defects. Orig. art. has: 1 figure, 2 formulas.

SUB CODE: 11, 07, 20 SUBM DATE: 07Feb66/ ORIG REF: 002/ OTH REF: 002

Card 2/2 JS

KHARITONOVICH, N. N.

KHARITONOVICH, N. N. - "The pressure of milled peat against the supporting walls." Minsk, 1955. Min Higher Education USSR. Belorussin Polytechnic Inst imeni I. V. Stalin. (Dissertations for degree of Candidate of Technical Sciences.)

SO: Knizhnaya letopis', No 48. 26 November 1955. Moscow.

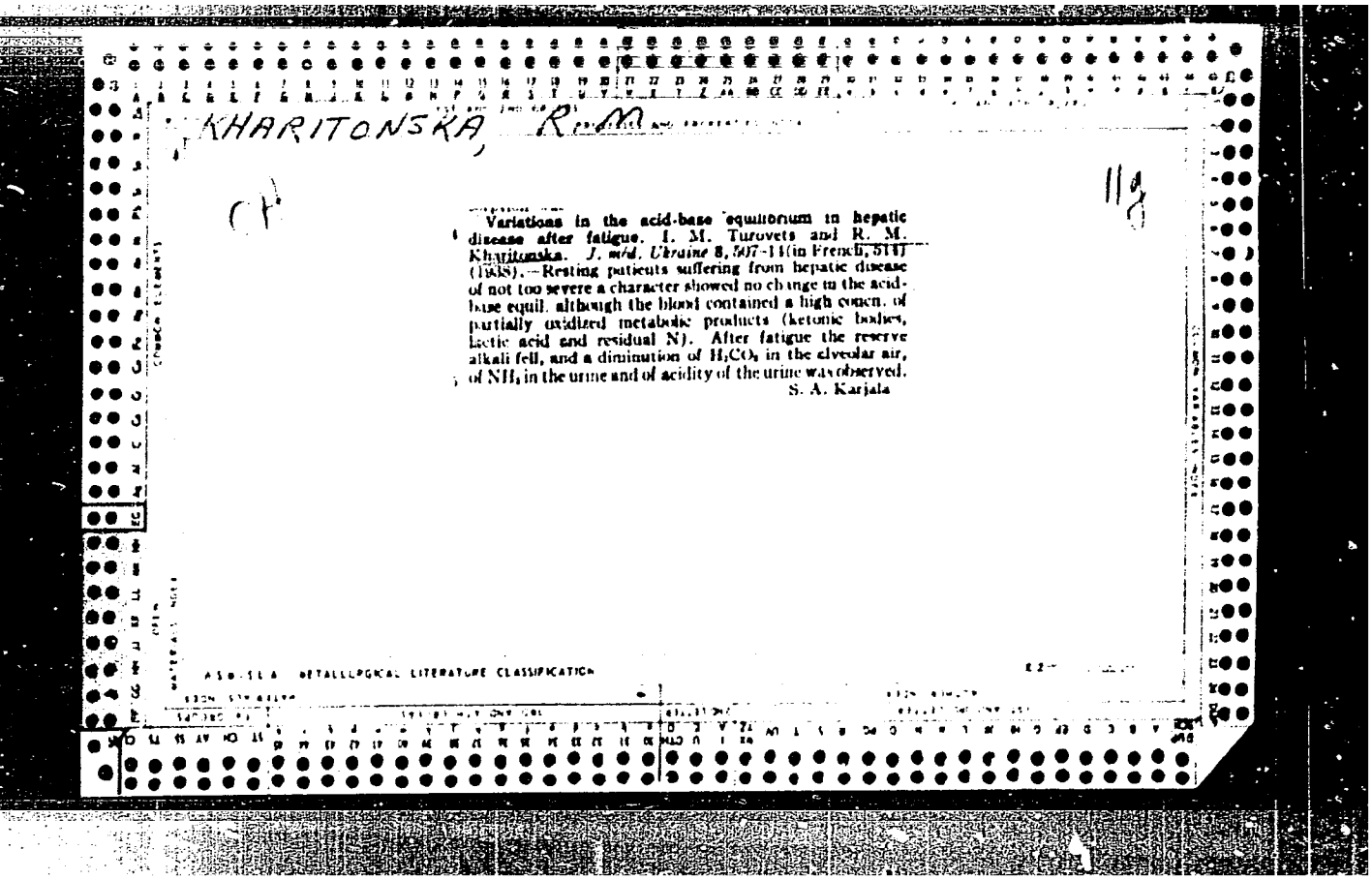
KHARITONOVICH, N.N.

Pressure of milled peat on parallel and plane closed bulkhead. Sbor. nauch. trud. Bel. politekh. inst. no.88:64-79 '60. (MIRA 14:12)

(Peat machinery)

KHARITONOVICH, N.N.

Effect of vibrational movements on the pressure of milled peat on walls of the body of peat machinery. Sbor. nauch. trud. Bel. politekh. inst. no.88:80-87 '60. (MIRA 14:12)
(Peat machinery)



KHARITONSKA, R.M.

CH

11/9

Variations in the acid-base equilibrium in hepatic disease after fatigue. I. M. Turovets and R. M. Kharitonska. *J. méd. Ukraine* 8, 507–14 (in French, 514) (1938).—Resting patients suffering from hepatic disease of not too severe a character showed no change in the acid-base equil. although the blood contained a high concn. of partially oxidized metabolic products (ketonic bodies, lactic acid and residual N). After fatigue the reserve alkali fell, and a diminution of H_2CO_3 in the alveolar air, of NH_3 in the urine and of acidity of the urine was observed.
S. A. Karjala

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

BERG, G.A.; MASAGUTOV, R.M.; VOL'FSON, I.S.; KIRILOV, P.S.; [illegible]-VINSKIY, M.I.; KHARITSKAYA, R.Z.

Hydropurification of thermal cracking reflux. Trudy Bash. NIINP no.5: 69-77 '62. (MIRA 17:10)

MASAGUTOV, R.M.; BERG, G.A.; KOLBINA, L.I.; KHARITSKAYA, R.Z.

Economic effectiveness of certain variates of the preparation of raw stocks for catalytic cracking. Trudy Bash NIINP no.5:94-98 '62. (MIRA 17:10)

KHARITONSKIY, M.

A machine for taking out sauerkraut from fermentation troughs.
Sov. torg. 33 no.6:50-52 Je '59. (MIRA 12:8)
(Food industry--Equipment and supplies)
(Sauerkraut)

KHARITONSKIY, M.; TSYPIN, I.

Sloping slat conveyer. Sov.torg. 33 no.6:72-73 Je '60.
(MIRA 13:7)

(Conveying machinery)

KHARITONSKIY, M.

Small-size accumulator fork lift unit. Sov. torg. 36 no.3:52-54 Mr '63.
(MIRA 16:3)

(Hoisting machinery)

PYSHKIN, B.A.; RUSAKOV, S.V., kandidat tekhnicheskikh nauk; SUKHOMEL, G.I., otvetstvennyy redaktor; KHARITONSKIY, M.B., redaktor; SIVACHENKO, Ye.K., tekhnicheskiy redaktor.

[Major stream regulation engineering works of the Dnieper type; design and calculations] Kapital'nye vypravitel'nye sooruzheniia dneprovskogo tipa; konstruktsii i raschety. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1954. 115 p.[Microfilm] (MLRA 8:2)

1. Chlen-korrespondent Akademii nauk Ukrainskoy SSR (for Pyshkin).
2. Deystvitel'nyy chlen Akademii nauk Ukrainskoy SSR (for Sukhomel).
(Rivers--Regulation)

KHARITONSKIY, M.B.

PYSHKIN, Boris Andreyevich, doktor tekhnicheskikh nauk, professor; SUKHOMEL, G.I., redaktor; KHARITONSKIY, M.B., redaktor; SIVACHENKO, Ye.K., tekhnicheskiy redaktor.

[Problems in the hydrodynamics of reservoir banks] Voprosy dinamiki beregov vodokhranilishch. Kiev, Izd-vo akademii nauk Ukrainskoi SSR, 1954. 134 p. [Microfilm] (MLRA 7:12)

1. Chlen-korrespondent Akademii nauk USSR (for Pyshkin) 2. Deystvitel'nyy chlen AN USSR (for Sukhomel).
(Reservoirs) (Hydrodynamics)

RAPOPORT, Il'ya Markovich; SOKOLOV, Yu.D., redaktor; KHARITONSKIY, M.B., redaktor; KRYLOVSKAYA, N.S.tekhnicheskiy redaktor

[Some asymptotic methods in the theory of differential equations] O nekotorykh asimptoticheskikh metodakh v teorii differentsial'nykh uravnenii. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1954. 287 p. [Microfilm] (MLRA 8:3)

1. Chlen-korrespondent AN USSR (for Sokolov)
(Asymptotes) (Differential equations, Linear)

KHARITONSKIY, M.B.

GARF, Mikhail Ernestovich; KORSAKEVICH, Nikolay Ivanovich; KRAMARENKO, Oksana Yur'yevna; SERENSEN, Sergey Vladimirovich; SLUTSKAYA, Ol'ga Borisovna; KHARITONSKIY, M.B., redaktor; KRYLOVSKAYA, N.S. tekhnicheskiy redaktor.

[Strength of tractor engine crankshafts; manual for calculations and tests] Prochnost' kolenchatykh valov traktornykh dvigatelei; rukovodstvo po raschetu i ispytaniiu. Kiev, Izd-vo Akademii nauk USSR, 1955. 199 p. (MLRA 9:1)
(Cranks and crakshafts) (Tractors)

KHARITONSKIY, M. B.

PISARENKO, Georgiy Stepanovich, professor, doktor tekhnicheskikh nauk; SAVIN, G.N., redaktor; VAYNBERG, D.V., doktor tekhnicheskikh nauk; redaktor; KHARITONSKIY, M.B., redaktor; RAKHLINA, N.P. tekhnicheskiy redaktor.

[Vibration of elastic systems taking into account the dispersion of energy in a material] Kolebaniia uprugikh sistem s uchetom rasseianiia energii v materiale. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1955. 235 p. (MLRA 8:9)
(Vibration)

STUPISHIN, A.V., prof.; BABANOV, Yu.V., ml. nauchn. sotr.; GUSEVA, A.A., ml. nauchn. sotr.; DUGLAV, V.A., dots.; ZAKHAROV, A.S., dots.; KOSTINA, N.M., assistent; LAVROV, D.D., dots.; LAPTEVA, N.N., assistent; ROMANOV, D.F., ml. nauchn. sotr.; SIROTKINA, M.M., aspirant; SMIRNOVA, T.A., ml. nauchn. sotr.; TORSHYEV, N.P., st. prepod.; TAYSIN, A.S., st. prepod.; TROFIMOV, A.M., assistent; KHARITONYCHEV, A.T., prepod.; STUPISHIN, A.V., red.; KHABIBULLOV, R.K., red.

[Establishing physicogeographical regions in the middle Volga Valley] Fiziko-geograficheskoe raionirovanie Srednego Povolz'ia. Kazan', Izd-vo Kazanskogo univ., 1964. 196 p. (MIRA 18:12)

KHARITONYCHEV, A.T.; KUL'VANOVSKIY, S.B., dotsent, red.

[Role of man in landscape changes of the right-bank area of Gorkiy Province] Rol' khoziaistvennoi deiatel'nosti cheloveka v izmenenii landshaftov Gor'kovskogo pravoberezh'ia. Gor'kii, Gor'kovskii gos.pedagog.in-t im. A.M.Gor'kogo, 1960. 149 p. (MIRA 14:2)

(Gorkiy Province--Physical geography)

KHARITONYUK, A.M.; TSYBINA, Ye.D.

Investigating the causes of defects on flat polished surfaces. Priborostroenie no.7:23-25 Jl '61. (MIRA 14:6)
(Surfaces (Technology)—Testing)

L 04632-67 EWT(m)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6010098 SOURCE CODE: UR/0129/66/000/003/0057/0059

36
B

AUTHOR: Kharitonyuk, A. M.

ORG: Watch Manufacturing Association "Luch" (Chasovoye proisvodstvennoye ob"yedineniye "Luch")

TITLE: Chemical nickel- and cobalt-plating 27

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 57-59

TOPIC TAGS: metal plating, nickel plating, cobalt, metal coating

A

ABSTRACT: Hardness and microstructure of nickel, cobalt, and cobalt-nickel plating applied chemically to steel U10A and brass L62 were investigated. Plating was conducted in a 1-liter glass beaker at 90—93C for 4 hours, maintaining the pH at 8—9. Hardness of the coating was measured on the apparatus PTM-3 with a 100-g load. Changes in the hardness of Co and Ni deposits as a function of temperature are illustrated in Fig. 1. Microscopic investigation of the coatings disclosed that the layering effect obtained during chemical plating is due to the uneven distribution of phosphorus. This effect disappears after thermal treatment, resulting in the formation of granular Ni_3P and corresponding cobalt compounds.

Card 1/2 UDC: 621.793.3

L 04632-67

ACC NR: AP6010098

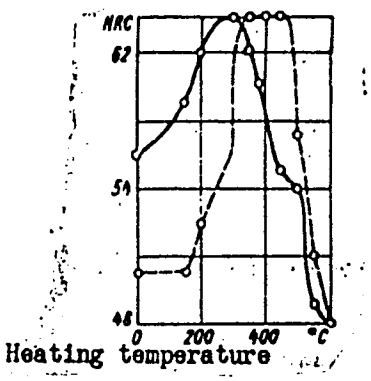


Fig. 1. Hardness of plating as a function of the treatment temperature (2 hours): ———— nickel plating; - - - - - - cobalt plating.

Orig. art. has: 5 figures.

SUB CODE: 11/ 13/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 002

awm

Card 2/2

KHARITSKIY, G. F.

AID P - 1251

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 12/17

Author : Kharitskiy, G. F., Eng.

Title : Steam pressure regulator in end packings of a steam turbine

Periodical : Teploenergetika, 1, 51, Ja 1955

Abstract : In order to sustain a uniform pressure in end packings of a steam turbine, a steam-pressure regulator is designed, which can either supply fresh steam to the packing or draw off steam from the packings to the condenser. The regulator is described and shown on a diagram.

Institution : Kaluga Turbine Plant

Submitted : No date

KHARITSKIY, G.F., inzhener.

New design for striker-type safety release devices.
Teploenergetika 3 no.11:62 N '56. (MLRA 9:12)

(Turbines--Safety appliances)

SOV/96-58-9-11/21

AUTHOR: Kharitskiy, G.F. (Engineer)

TITLE: A Condensate-level Regulator for Steam-turbine Condensers (Regulyator urovnya kondensata v kondensatore parovoy turbiny)

PERIODICAL: Teploenergetika, 1958, Nr 9, pp 60 - 62 (USSR)

ABSTRACT: This article describes a condensate-level regulator, developed by the Kaluga Turbine Works, which automatically controls the condensate level in a turbine condenser under any operating conditions. The method of connecting the regulator to the condenser is illustrated diagrammatically in Fig 1. The output of the condensate pump is made to depend on the level of condensate in the condenser. At light loads, condensate is automatically re-circulated. A sectional drawing of the regulator is given in Fig 2. It consists essentially of a float, the position of which varies according to the condensate level, operating a slide valve with a differential piston to control the condensate flow. The action of the regulator is described. Operating experience with these regulators shows that sometimes the working surfaces of the slide valve are scored in the early

Card 1/3

stages of operation, but later on as the condensate becomes purer the wear does not extend. The Works is producing three sizes of regulator with valve diameters of 50, 60 and 80 mm. The first regulator was tested on a rig and then on a 4-megawatt turbine. Thereafter, a prolonged service trial was made on a 2,500 kW turbine. The regulator was tested with contaminated condensate but still worked reliably over the load range. A graph of the condensate level as a function of turbine output for the 2,500 kW turbine is given in Fig 3. The small scatter of the experimental points demonstrates the high

A Condensate-level Regulator for Steam-turbine Condensers

sensitivity of the level regulator and the linearity of the characteristic shows that the design procedure is correct.

There are 3 figures, no literature references

ASSOCIATION: Kaluzhskiy turbinnyy zavod (Kaluga Turbine Works)

1. Steam condensors--Equipment 2. Liquid level control--Equipment

Card 3/3

KHARITSKIY, G.F., insh.

Shut-off valve with locking stem sealing. Energomashinostroenie 5 no.1:45-46 Ja '59. (MIRA 12:2)
(Valves)

KHARITSKIY, I.A. (Neshin)

Electric power and charging unit. Fiz.v shkole 14 no.1:71-73 Ja-F '54.
(MLRA 7:1)
(Electric apparatus and appliances)

GLAGOLEV, Georgiy Il'ich; GOLOVAN, A.T., doktor tekhn.nauk, prof., retsenzent; KHARIZAMENOV, I.V., doktor tekhn.nauk, prof., retsenzent; SUD, I.I., red.; SUSHKIN, I.I., red.izd-va; MIKHAYLOVA, V.V., tekhn.red.

[Electrical equipment of press and forging shops] Elektrooborudovanie kuznechno-pressovykh tsekhov. Moskva, Metallurgizdat, 1962. 311 p. (MIRA 15:7)

(Forging) (Electric driving)

KHARIZANOV, A.; ANGELOVA, R.

Birds beneficial to farming. Prir i znanie 15 no.7:5-7 S '62.

KHARIZANOV, A., st. asist.; ANGELOVA, R., asist.

Shell-less snails and fight against them. Priroda Bulg 12 no.3: 87-90 My-Je '63.

1. Vissh selskostopanski institut "V. Kolarov" v Plovdiv.

KHARIZANOV, Angel, st. asist.

Leucoptera susinela HS, and ways of fighting it. Priroda Bulg 12 no. 5: 85-87 S-O '63.

1. Vissh selskostopanski institut "V. Kolarov", Plovdiv.

KHARIZANOV, Angel F., st. asist.

Plant lice in the orchards of Bulgaria. Priroda Bulg 12 no. 6:91-97 N-D '63.

1. The Vasil Kolarov Higher Agricultural Institute, Plovdiv.

KHARIZANOV, P. T.

BULGARIA/Chemical Technology - Fermentation Industry. H-27

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83259

Author : Kharizanov, P.T.
Inst : -
Title : The Drying of Tarteric Acid Raw Material Obtained in Wine Making.

Orig Pub : Lozarstvo i vinarstvo, 1958, 7, No 2, 38-43.

Abstract : The optimum drying temperature for calcium tartrate (I) is 90-95°C. The heating must be done gradually. To dry cream of tartar a temperature of 130-150°C. is required but not to exceed 160°C. A scheme and commercial calculation are given for the construction of an improved dryer of the oven-Leshanka type to dry I. The application of water as an intermediate heating agent provides a drying temparature of < 100°C. Waste gases from a steam room can be used for heating.

Card 1/1

DJMITROVA, M. inzh.; KHARIZANOV, Gr., inzh.

The LV2-2 electronic voltmeter. Radio i televiziia 13 no.5: 143-146 '64

KHARIZANOV, V.

Development of radio engineering in Bulgaria. p. 7. RADIO. (Ministerstvo na poshtite, telegrafite, telefonite i radioto i Tsentralniia suvet na dobrovoinata organizatsiia za sudeistvie na otbranata) Sofiya. Vol. 4, no. 5, 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress Vol. 4, No. 12, December 1955

BULGARIA / Microbiology. General Microbiology. Physiology and Biochemistry. F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 23926

Author : Mitev; Pashev; Kharizanova; Lambrev; Beshkov
Inst : Microbiological Institute
Title : Influence of Various Factors on Biosynthesis of L-Ascorbic Acid by Mold Fungi

Orig Pub : Izv. Mikrobiol. in-t, Bolg. AN, 1957, 8, 209-221

Abstract : No abstract given

Card 1/1

3

STAMENOV, St., inzh.; VACHEV, D., inzh.; KHARIZANOVA, L., inzh.

Studies on the oil shales in Bulgaria as raw material for the obtainment of autoclave cellular concrete. Stroitelstvo 9 no.6:2-6 N-D '62.

STAMENOV, S.; VACHEV, D.; KHARIZANOVA, L.

Bituminous shale as a raw material for cellular concrete.
Stroi. mat. 10 no.2:39-40, p.3 of cover F '64.
(MIRA 17:6)

MITKOV,V.; KHARIZANOVA,M.; BRATANOV,A.[deceased]

Diagnostic value of biliruginemia in actue disorders of cerebral circulation. Suvrem. med.,Sofia 11 no.2-3:152-157 '60.

1. Iz Katedrata po Nervni Bolesti pri VMI - Plovdiv,Zav. Katedrata: prof. Tr. Zaprianov; Katedrata po Biokhimiia pri VMI - Plovkiv, Zav. Katedrata: prof.I.P.Mitev.

(BILIRUBIN blood)
(CEREBRAL HEMORRHAGE blood)
(CEREBRAL EMBOLISM AND THROMBOSIS blood)

KHARIZANOVA, M., inzh.

Obtainment of electrolytic copper in high current density.
Min delo 17 no.9:26-29 S '62.

1. Medodobiven kombinat "G. Damianov".

Country :Bulgaria
Category :Human and Animal Physiology, The Nervous System

Abs. Jour. :Ref Zhur Biol, No. 2, 1959, No. 8495

Author :Nikolov, N.A.; Mitev, I.P.; Kharizanova, M.S.
Institut. :The Medical Inst. of the Bulgarian Acad. of Science
Title :A Biochemical and Physiological Investigation of Avitaminosis C in Connection with its Effect on Higher Nervous Activity.
Orig Pub. :Izv. Med. in-ti Bolg. AN, 1956, 13, 213--237

Abstract : A gradual (over a period of 30--40 days) reduction in the levels of ascorbic acid in the blood, brain, heart, liver, and adrenals was observed in 17 guinea pigs from whose diet vitamin C had been excluded. In conjunction with the development of avitaminosis of several days duration, signs of increased cortical excitability were noted (shortening of the latent period of motor-alimentary conditioned reflexes, a decrease in the time taken to run to the food), which clearly preceded the clinical manifestations of disease. Subsequently there

Card: 1/2

Country :Bulgaria
Category :Human and Animal Physiology, The Nervous System

Abs. Jour. :Ref Zhur Biol, No. 2, 1959, No. 8495

Author :
Institut. :
Title :

Orig. Pub. :

Abstract :were disturbances in positive conditioned reflexes, disinhibition of differentiation, phasic states and inhibition of conditioned and unconditioned reflex activity. Disturbances in the oxidation-reduction processes within the brain occurred together with the changes in higher nervous activity. One day after vitamin C was injected into the organism, recovery of biochemical processes began and continued in pace with a normalization of neurodynamics.
--K.S.Ratner

Card: 2/2

MITEV, Ir.P.; PASHEV, Il.P.; KHARIZANOVA, M.S.; IAMBREV, B.K.; BESHKOV, M.N.

KOZHUKHAROV, P.; KHARIZANOVA, T.; DUMEVA, Sv.

Tests in the treatment of Trichomonas vaginalis with nitrofuran compounds. Trud Khim-farmatsevt. inst. 4:82-86 '63.

KOZHUHAROV, I.; KHRISTOVA, T.

Experimental studies of fungicide action in some 8-oxyquinoline derivatives, synthetized in the Scientific Research Chemical and Pharmaceutical Institute. Trud Khim-farmatsevt Inst 4:89-90 '63.

Combined use of Bulgarian antibiotics with some biological and chemical substances for potentiating their action. Ibid.:91-95

Experimental study on obtaining a combined preparation of penicillin and sulfonamides with synergetic action. Ibid.:95-96

HARIZANOVA, T [Kharizanova, T.]

Effect of certain vitamins on the antibiotics of the tetracycline group and penicillin. Doklady BAN 15 no.4:411-414 '62.

1. Research Institute of Pharmacology, Ministry of Health, Sofia. Submitted by Academician I. Emanuilov.

KHARIZANOVA, T.

Antineoplastic medicinal preparations. Priroda Bulg 12 no. 1: 46-49 Ja-F '63.

1. Nauchnoizsledovatelski institut po farmakologiia.

KHARIZANOVA, T.

Nitrofuran compounds, new chemotherapeutic drugs.
Priroda Bulg 10 no.5:83-86 S-O '61.

1. Nauchnoizsledovatelski institut po farmatsiia, Sofia.

*

KHARIZANOVA, Tania, ml. nauchen sutrudnik

Use of antibiotics as a growth factor. Farmatsiia 4 no.2:17-18 Mr-Ap '54.

1. BNIFI

(ANTIBIOTICS, effects,
*growth stimulation in animals)
(GROWTH, effect of drugs on,
*antibiotics, stimulation in animals)

KHARIZANOVA, T.

BULGARIA / Pharmacology, Toxicology. Chemo-Therapeutic Preparations. V
Antibiotics.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 27942

Author : Kozhukharov, P.; Trandafilov, Tr.; Kharizanova, T.; Khristov, K.

Inst : Not given

Title : Experimental Investigations of Some Medicinal Forms with Antibiotics. II. Prolongation of Action of Penicillin Injections with Pyramidone, Calcium Gluconate and Novocain

Orig Pub : Sofiya. Farmatsevt. fak., 1955 (1957), 3, No 5, 35-50

Abstract : No abstract given

Card 1/1

KOZHUKHAROV, P.; KHARIZANOVA, T.

Use of antirabies vaccine as a coagulant. Suvrem.med., Sofia 6 no.7, 46-50 1955.

1. Iz Nauchnoizsledovatelskiia institut po farmatsiia pri MNZSG (direktor: G.Todorov).

(VACCINES AND VACCINATION, antirabies vaccine as hemostatic)
(HEMOSTASIS, antirabies vaccine as hemostatic)
(RABIES, immunology, antirabies vaccine as hemostatic)

KOZHUKHAROV, P.; KHARIZANOVA, T.

Experimental studies on antagonistic and synergistic effect of penicillin with certain other drugs with special reference to combined preparation trypsopenicillin (trypsocilline), a combined penicillin preparation for local use. Khirurgiia, Sofia 12 no.7: 619-625 '59.
(PENICILLIN relcpds.)

KHARTSCHENKOV, I A

Elektrische Ausrustung Spanabhebender Werkezeugmaschinen. Berlin, Technik, 1953. 256 p. Diagrs., Port., Tables Translation from the Russian, "Elektrooborudovanie Metallorezhushchikh Stankov," Moscow, 1951. "Literaturverzeichnis": p. 255-256

N/5 741.414
.K41

KHARIZOMENOV, I.V.; KUSMAN, V.G., kandidat tekhnicheskikh nauk, retsenzent; KHALIKEV, G.P., dotsent, redaktor; TIKHONOV, A.Ya.; tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Electric equipment for metal-cutting machines] Elektricheskoe oborudovanie metallorezhushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. 309 p. [Microfilm] (MLRA 7:10)
(Machine tools)
(Electric apparatus and supplies)

Name: KHARIZOMENOV, Igor' Vladimirovich

Dissertation: Problems of the Rational Utilization of the Driving Gears of Metal Cutting Machine Tools

Degree: Doc Tech Sci

Affiliation: [not indicated]

Defense Date, Place: 16 Jun 54, Council of the Moscow Machine Tool and Instrument Inst imeni Stalin

Certification Date: 28 Apr 56

Source: BMVO 4/57

ACHERKAN, N.S.; YERMAKOV, V.V.; IGNAT'YEV, N.V.; KAUFMAN, L.M.; PUSH, V.E.; FEDOTENOK, A.A.; KHARIZOMENOV, I.V.; KHRYKOZ, A.N.; VLASKIN, F.S.; kandidat tekhnicheskikh nauk, dotsent; GANDLER, A.V.; kandidat tekhnicheskikh nauk, dotsent; ALEKSEYEV, P.G., kandidat tekhnicheskikh nauk.

"Machine tools" by V.A.Bravichev and others. Reviewed by N.S. Acherkan and others. Vest.mash. 37 no.5:87-91 My '57. (MLRA 10:5)

1.Kafedra "Metallorezhushchiye stanki" Moskovskogo stankoinstrumental'nogo instituta (Acherkan, Yermakov, Ignat'yev, Kaufman, Push, Fedotenok, Kharizomenov, Khrykoz)
(Machine tools)

Kharizomenov, Igor, Vladimirovich

PHASE I BOOK EXPLOITATION 462

Kharizomenov, Igor' Vladimirovich, Doctor of Technical Sciences, Professor

Elektricheskoye oborudovaniye metallorezhushchikh stankov (Electrical Equipment of Metal-cutting Machine Tools) 2d ed., rev. and enl. Moscow, Mashgiz, 1958. 328 p. 25,000 copies printed.

Reviewer: Zusman , V. G., Candidate of Technical Sciences; Ed.: Khalizev, G. P., Candidate of Technical Sciences; Ed. of Publishing House: Shemshurina, Ye. A.; Tech. Ed.: Model', B. I.; Managing Ed. for literature on metal working and tool making (Mashgiz): Beyzel'man, R. D., Engineer.

PURPOSE: The book is approved as a textbook for machine-building vuzes by the Ministerstvo vysshego obrazovaniya SSSR (Ministry of Higher Education, USSR), and contains the

Card 1/8

basic information necessary to engineers designing or operating modern metal-cutting machine tools.

COVERAGE: The book examines problems connected with the electrical equipment of metal-cutting machine tools. Systems and electromechanical properties of machine tool electric drives, fundamentals of dynamics, the equipment for machine tool electrification, and methods and systems of machine tool electrical automation are described. Special attention is paid to electrical control and automation and also to further possibilities of applying machine tool electrification in student designing. Recent achievements in machine tool electrification in the USSR and in other countries are reviewed. The book follows the program approved by the Ministry of Higher Education of the USSR. A knowledge of the principles of electrical engineering is a prerequisite. To help the mechanical

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Electrical Equipment of Metal-cutting Machine Tools 462

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5. Controlling speed of rotation 29
6. Operating conditions for braking 37
7. Structural shapes of induction motors 41
8. H-f electric motors 45

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11. Speed control 55
12. Operating conditions for braking 61
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44. Electrification of grinders and finishing machines 303
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AVAILABLE: Library of Congress

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JJP/jmr
7-22-1958

SOV/3-58-12-22/43

AUTHOR: Kharizomenov, I.V., Doctor of Technical Sciences; Professor; Deputy Institute-Director

TITLE: On Textbooks, Lectures, Summaries (Ob uchebnikakh, lektsiyakh, konspektakh)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 12, pp 63 - 67 (USSR)

ABSTRACT: The author quotes M.A. Prokof'yev, who wrote that a considerable part of the subject can be learned by the student independently. However, the author sets forth his considerations leading to the conclusion that the course of lectures on every subject must be complete, must embrace the entire material of the subject and must be read to the end. Student summaries cannot be compared with a textbook, which in volume must exceed the lecturing course. By its volume the latter will approximately correspond to half of a textbook. It will be easy to learn from such summaries; they should be often renewed and republished. As regards these summaries, the author approves of all those suitable for pre-

Card 1/2

KHARIZOMENOV, I.V.

PHASE I BOOK EXPLOITATION SOV/3945

Geyler, Leonid Benediktovich, Doctor of Technical Sciences, Professor, and Igor' Vladimirovich Kharizomenov, Doctor of Technical Sciences, Professor

Elektrooborudovaniye i elektroavtomatika kuznechno-pressovykh mashin (Electrical Equipment and Electrical Automation of Pressworking Machinery) Moscow, Mashgiz, 1960. 226 p. Errata slip inserted. 14,000 copies printed.

Reviewer: V.Ye. Stokolov, Engineer. Ed.: O.V. Chernyak, Engineer; Managing Ed. for Literature on Heavy Machine Building: S.Ya. Golovin, Engineer; Ed. of Publishing House: O.V. Chernyak; Tech. Ed.: V.D. El'kind.

PURPOSE: This book is intended for workers of metalworking plants and students of machine-construction institutes and tekhnikums.

COVERAGE: The book deals with the design and construction of electric drives for pressworking machinery. The selection of control devices and the development of systems for automation and blocking are included. In addition to a discussion of theoretical problems, practical sample calculations and reference data on design are presented. Analytic and graphoanalytic methods of plotting characteristics of types of electric motors are described and a number of electrical

Card 1/7

STOKOLOV, V.Ye., inzh.; KHARIZOMENOV, I.V., doktor tekhn. nauk, prof., retsenzent; TIKHOMIROV, A.S., inzh., red.; SIROTIN, A.I., red.izd-va; MAKAROVA, L.A., tekhn. red.

[Design and installation of the electrical equipment of forging and pressing machines]Proektirovanie i montazh elektrooborudovaniia kuznechno-pressovykh mashin. Moskva, Mashgiz, 1962. 382 p. (MIRA 16:4)
(Punching machinery--Electric equipment) (Forging)

KHARIZOMENOV, I.V., prof.; MIKHAYLOV, O.P., kand. tekhn. nauk;

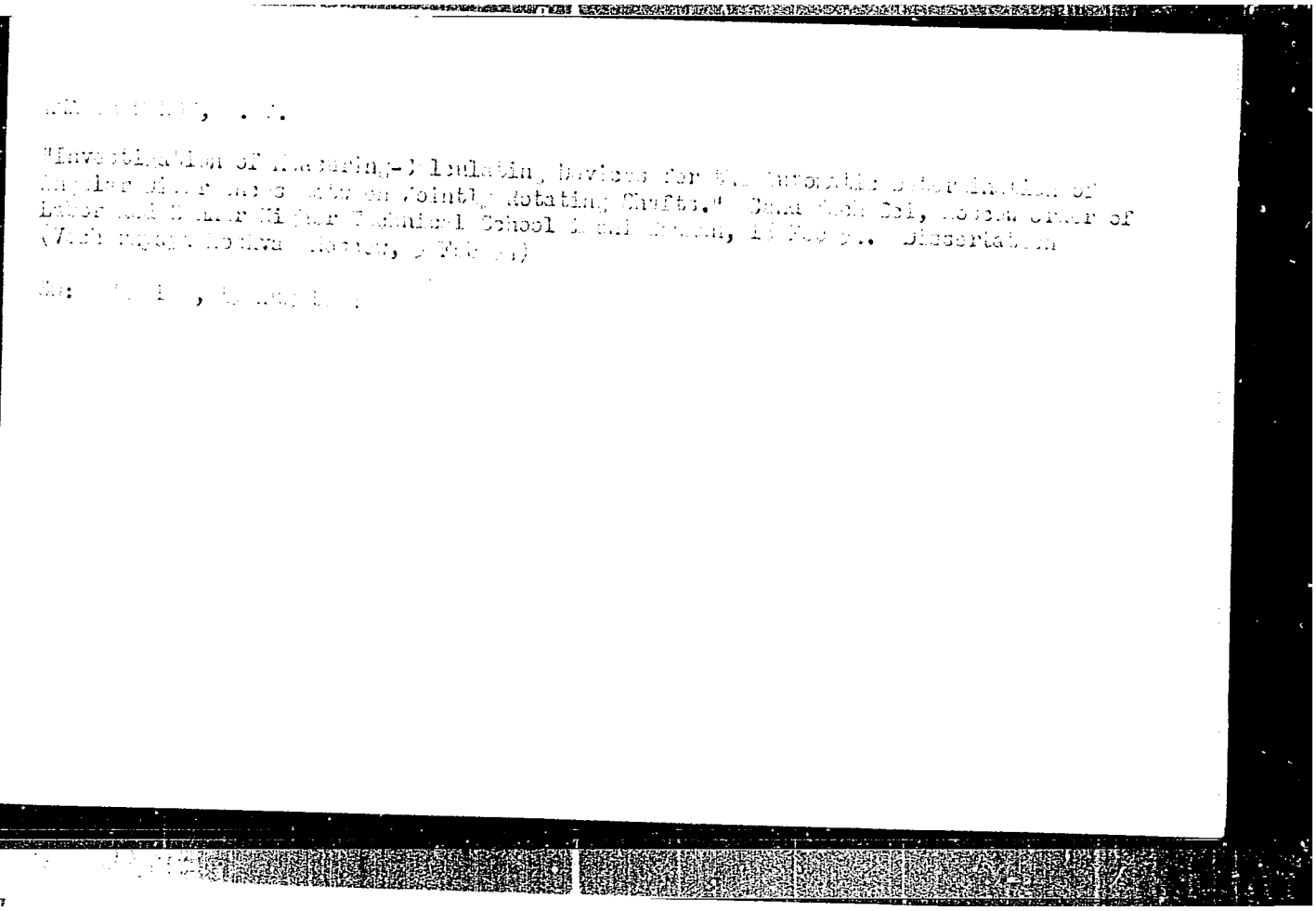
[Methodological manual on the solution of problems in a course in general electrical engineering] Metodicheskoe rukovodstvo k resheniiu zadach po kursu obshchei elektrotekhniki. Moskva, Mosk. stankoinstrumental'nyi in-t. Pt.2. 1963. 39 p. (MIRA 17:9)

IVENSKIY, Yu.N.; TULLER, A.G.; GEYLER, L.B., doktor tekhn. nauk, prof., retsenzent; KHARIZOMENOV, I.V., doktor tekhn. nauk, prof., red.

[Electric control of machine tool lines] Elektroavtomatika stanochnykh linii. Moskva, Izd-vo "Mashinostroenie," 1964. 324 p. (MIRA 17:4)

KHARITONOV, I.V., doktor tekhn. nauk, prof.; [illegible], V.G., kand. tekhn. nauk, retsenzent; [illegible], A.G., inzh., retsenzent; MIKHIN, G.K., inzh., red.

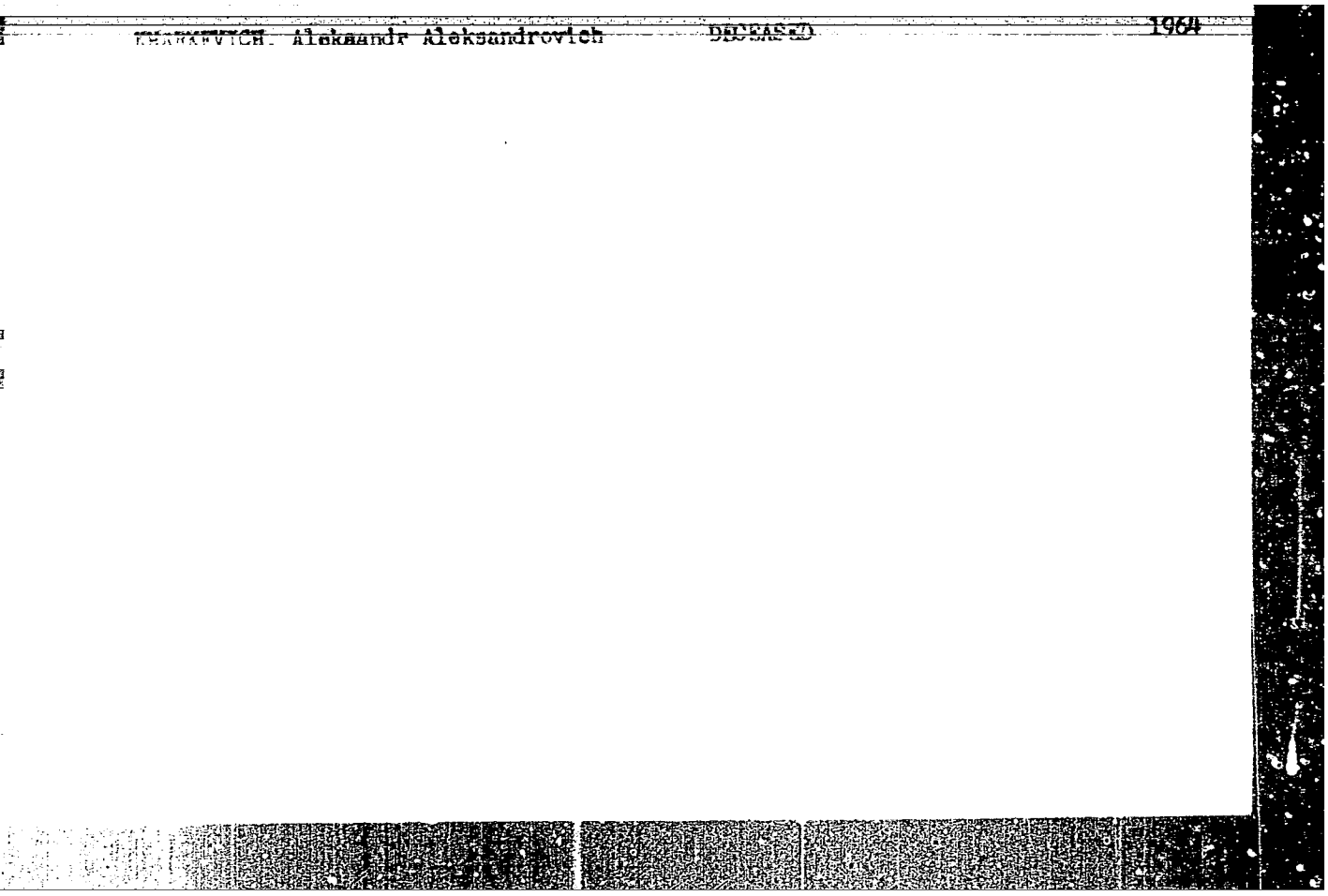
[Electrical equipment and automatic control of machine tools] Elektrooborudovanie i elektroavtomatika metallorezhushchikh stankov. Izd.3., perer. Moskva, Mashinostroenie, 1964. 327 p. (MIRA 18:2)



KHARKANI, I. [Harkanyi, I.]

Experimental and clinical studies of relaxil-G. Vest.AMN SSSR 17 no.8:44-50 '62. (MIRA 15:12)

1. Budapeshtskiy meditsinskiy institut, IV khirurgicheskaya klinika. (RELAXIL)

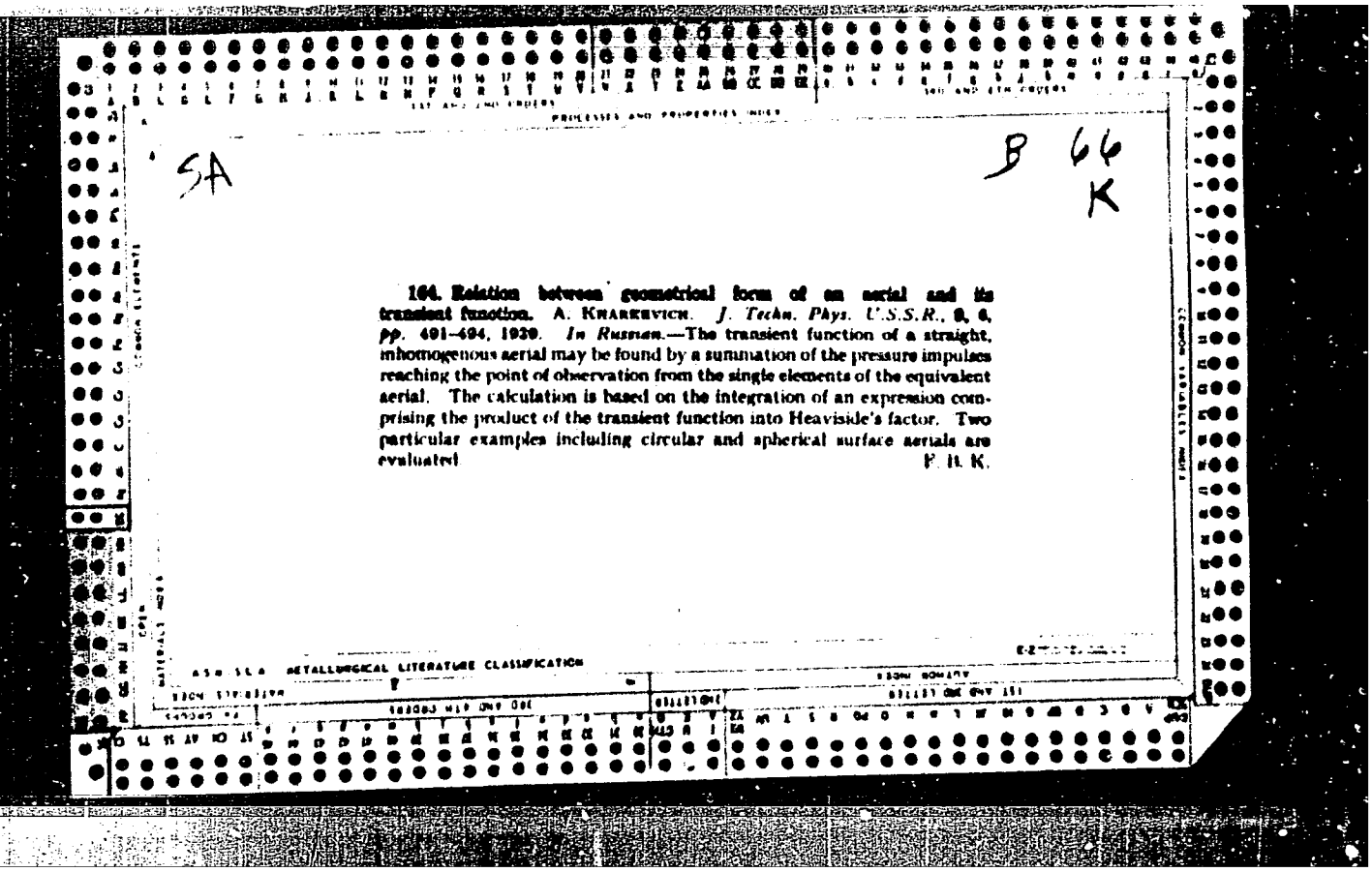


[illegible], A. and [illegible], V. N.

"Relaynyye skhemy v telefonii (Relay Circuits in Telephony), 1955, Moscow, Svyaz'izdat.

KHARKEVICH, A. A.

Automatisation of Acoustic Measurements. Trudy Committee on Acoustics, #1, 1939. (Not available in Library of Congress).



5A

B 66
K

164. Relation between geometrical form of an aerial and its transient function. A. KHARKEVICH. *J. Techn. Phys. U.S.S.R.*, **8**, 6, *pp.* 491–494, 1938. *In Russian.*—The transient function of a straight, inhomogeneous aerial may be found by a summation of the pressure impulses reaching the point of observation from the single elements of the equivalent aerial. The calculation is based on the integration of an expression comprising the product of the transient function into Heaviside's factor. Two particular examples including circular and spherical surface aerials are evaluated. F. H. K.

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

General Physics

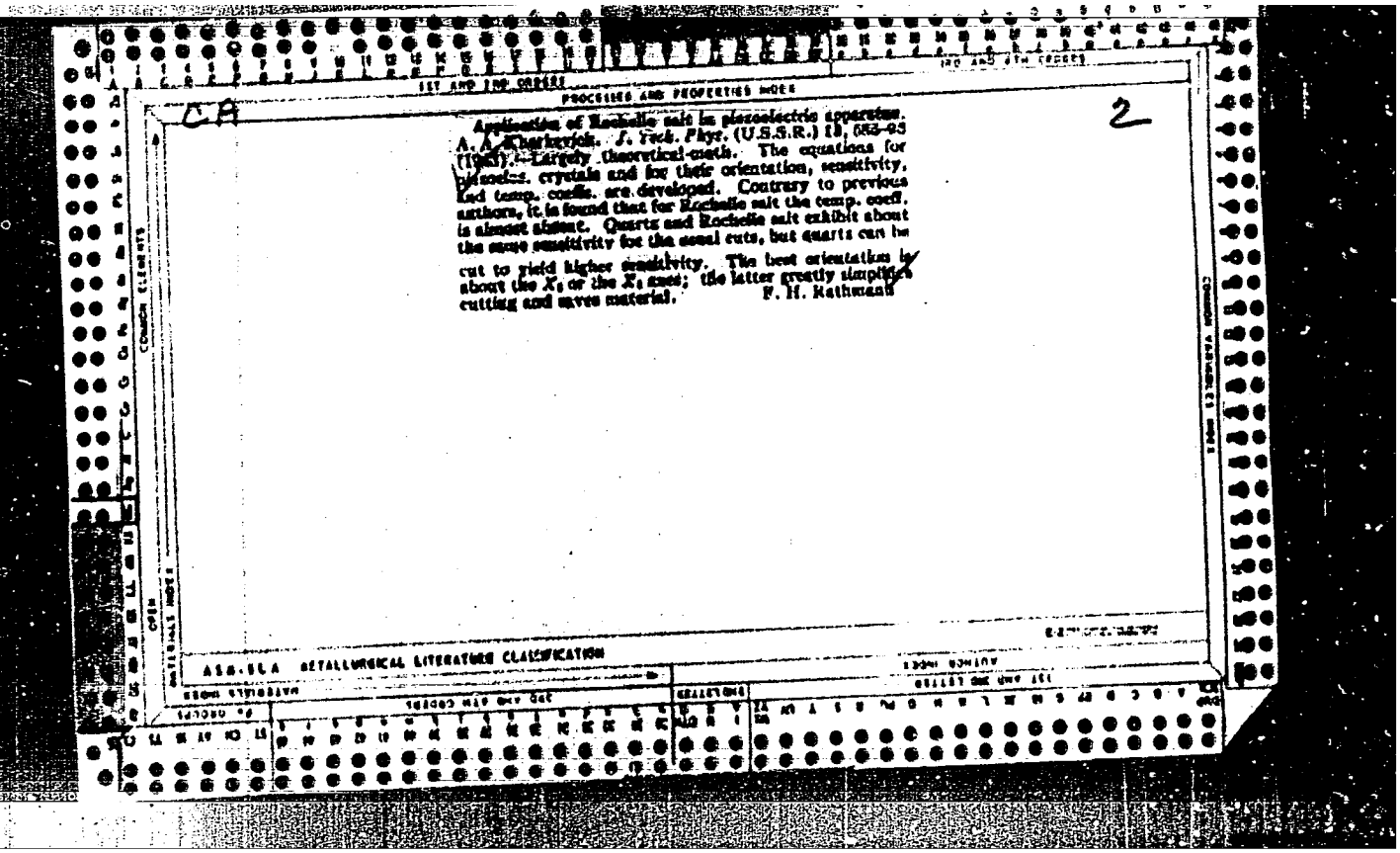
W. E.

15

[illegible]

Deflection of a Piezoelectric Rod. [illegible] Khark[illegible] (Zh. Tekh. Fiz., 1948, Vol. [illegible] pp. [illegible] (In Russian.) The vibration of a [illegible] consisting of two parallel layers of Rochelle salt [illegible] investigated mathematically for different [illegible] conditions.

1948



CA 2

Application of Rochelle salt in piezoelectric apparatus. A. V. Kharkevich. *J. Tech. Phys.* (U.S.S.R.) 10, 653–65 (1940).—Largely theoretical-math. The equations for piezoelec. crystals and for their orientation, sensitivity, and temp. coeffs. are developed. Contrary to previous authors, it is found that for Rochelle salt the temp. coeff. is almost almost. Quartz and Rochelle salt exhibit about the same sensitivity for the usual cuts, but quartz can be cut to yield higher sensitivity. The best orientation is about the X_1 or the X_2 axes; the latter greatly simplifies cutting and saves material. F. H. Rathmann

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

KHAYKIN, A. A.

"On the Calculation of Piezoelectrical Vibrators," Zhur. Tekh. Fiz., 15, Nos. 4-5, 1945. Leningrad Physico-Tech. Inst.

KHARKEVICH, A. A.

Apr 1947

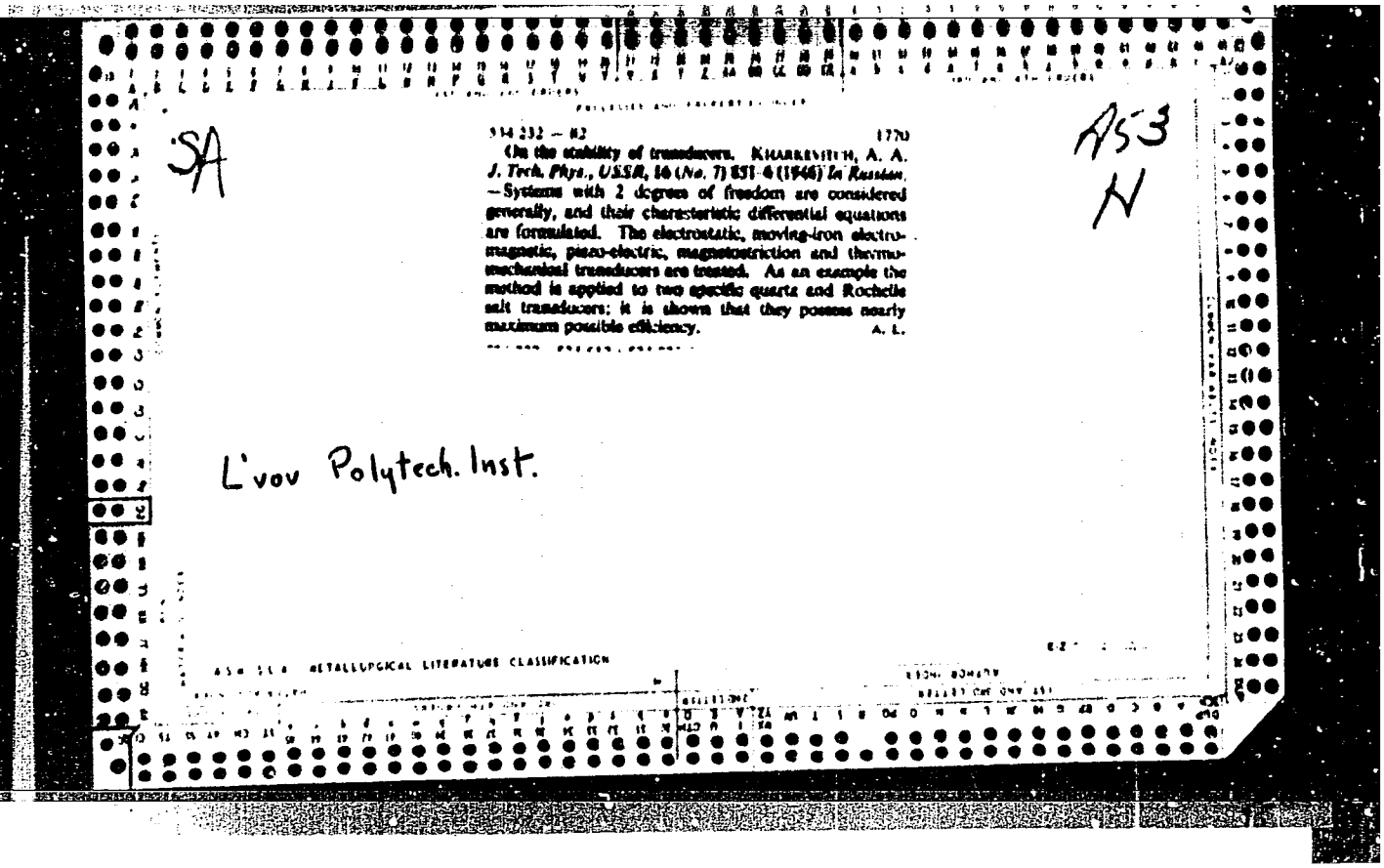
USSR/Circuits, Resonant
Circuits - Analysis

"The Calculation of a Kind of Correction System,"
A. A. Kharkevich, 10 pp

"Zhur Tekh Fiz" Vol XVII, No 4

Two schematic diagrams. Solution of the problem of the resonating circuit of various complexities.

11T11



514 232 – 82 1770

(On the stability of transducers. KHARKEVITCH, A. A. *J. Tech. Phys., U.S.S.R.*, 16 (*No. 7*) 831–6 (1946) *In Russian.* —Systems with 2 degrees of freedom are considered generally, and their characteristic differential equations are formulated. The electrostatic, moving-iron electromagnetic, piezo-electric, magnetostriction and thermo-mechanical transducers are treated. As an example the method is applied to two specific quartz and Rochelle salt transducers; it is shown that they possess nearly maximum possible efficiency. A. L.

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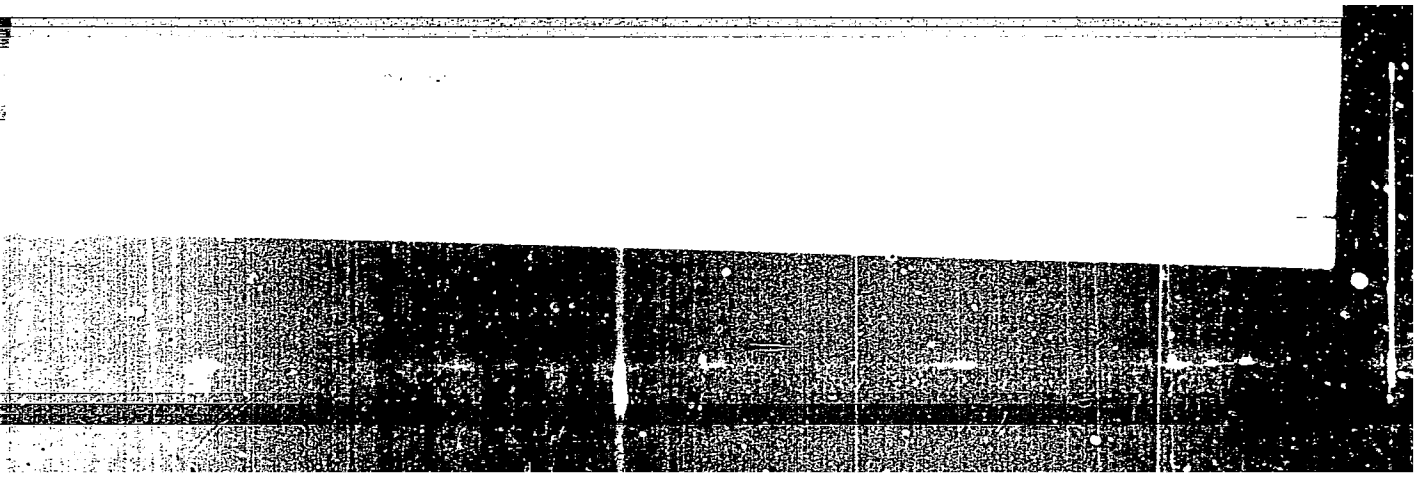
L'vov Polytech. Inst.

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION



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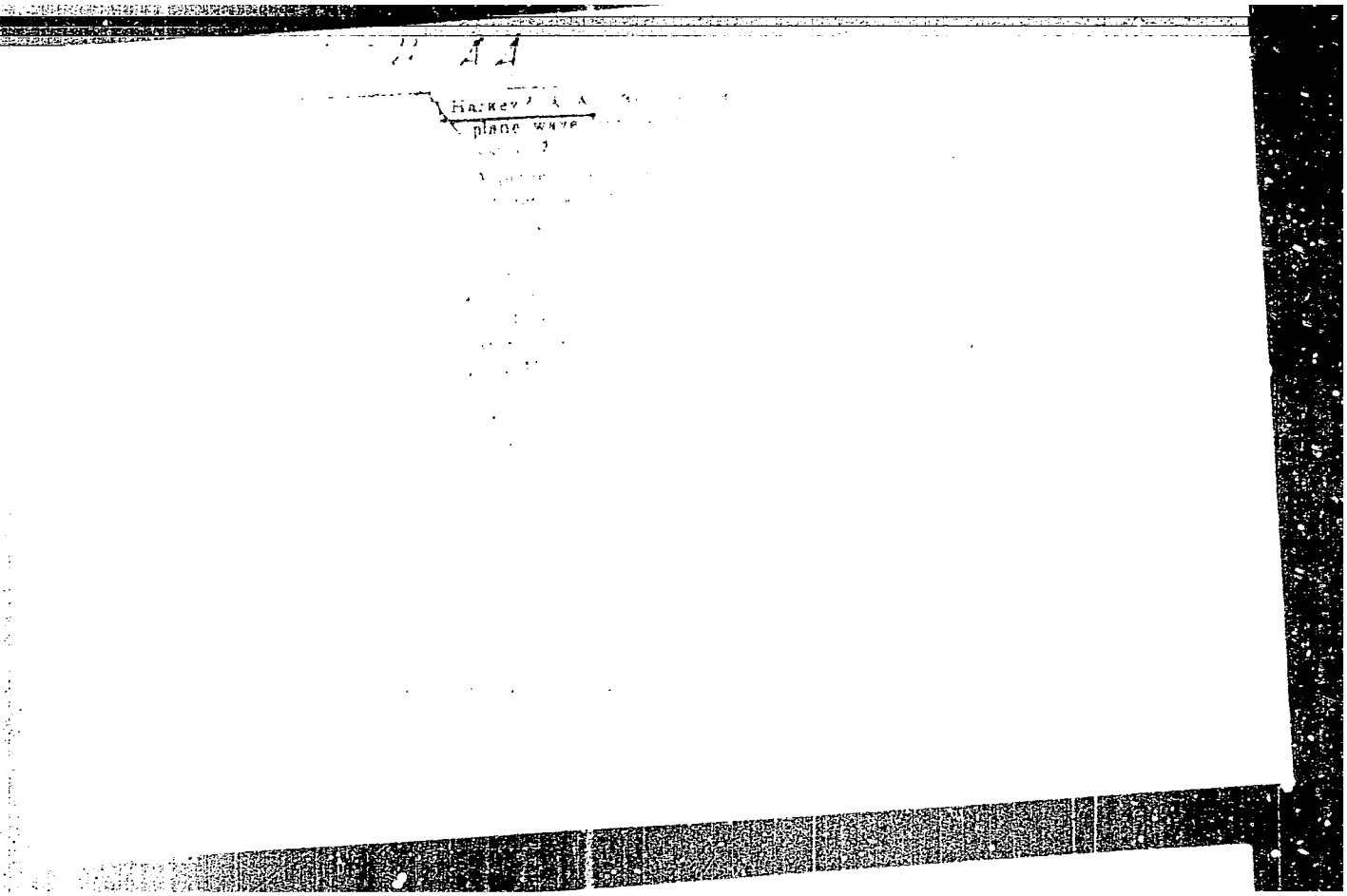
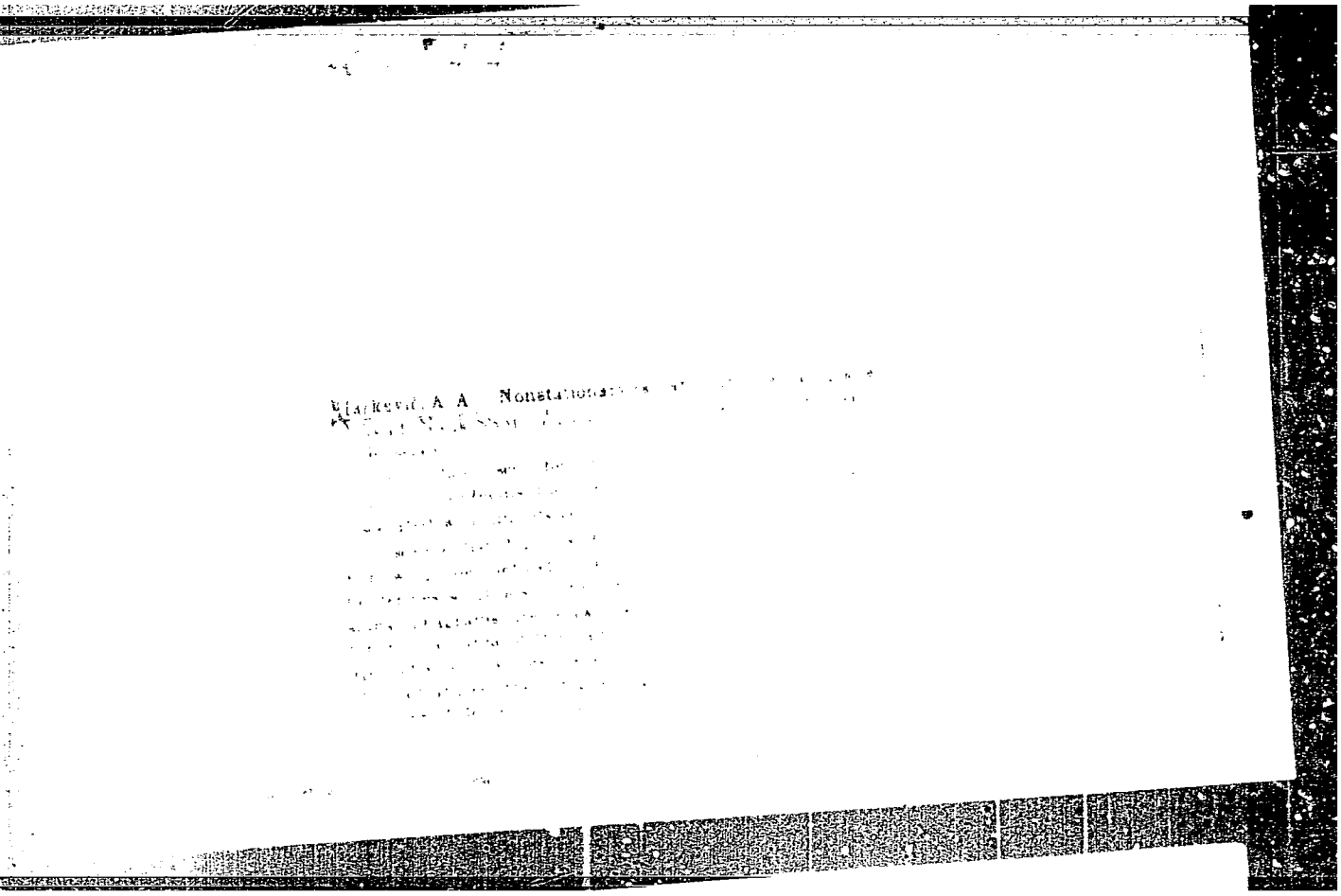
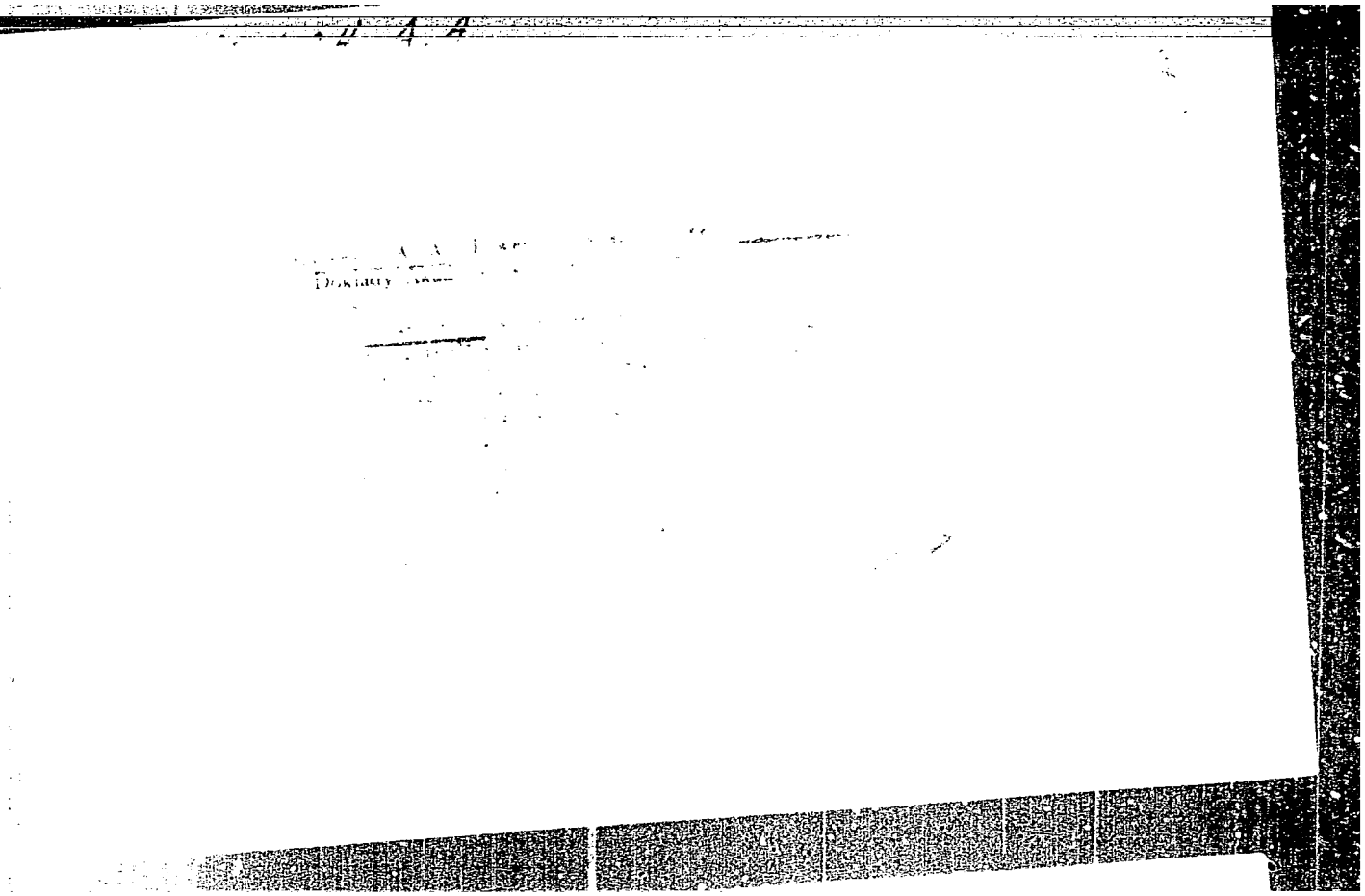




KAZANTSEV, A. A.

"Review of V.V.Furduyev's book 'Elektroacoustics'", Usp. Fiz. Nauk, 37, No 4, 1949



PHASE I BOOK EXPLOITATION 555

Kharkevich, A. A.

Neustanovivshiyesya volnovyye yavleniya (Unsteady Wave Phenomena)
Moscow, Gostekhizdat, 1950. 202 p. 5,000 copies printed.

Eds.: Vysokovskiy, D. M. and Shchukin, Ye. D.; Tech. Ed.: Gavrilov, S. S.

PURPOSE: This book is intended for scientists specializing in acoustics and electromagnetic oscillations and for graduate students taking advanced courses in these fields.

COVERAGE: The author describes theoretical methods of studying unsteady wave phenomena and conducting research in the more interesting problems related to this field. New solutions to the problem of diffraction are presented. There are no personalities mentioned and no references.

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Card 2/3

KHARKEVICH, A. A.

USSR/Physics - Acoustic Systems
Sound, Transmission

11 May 50

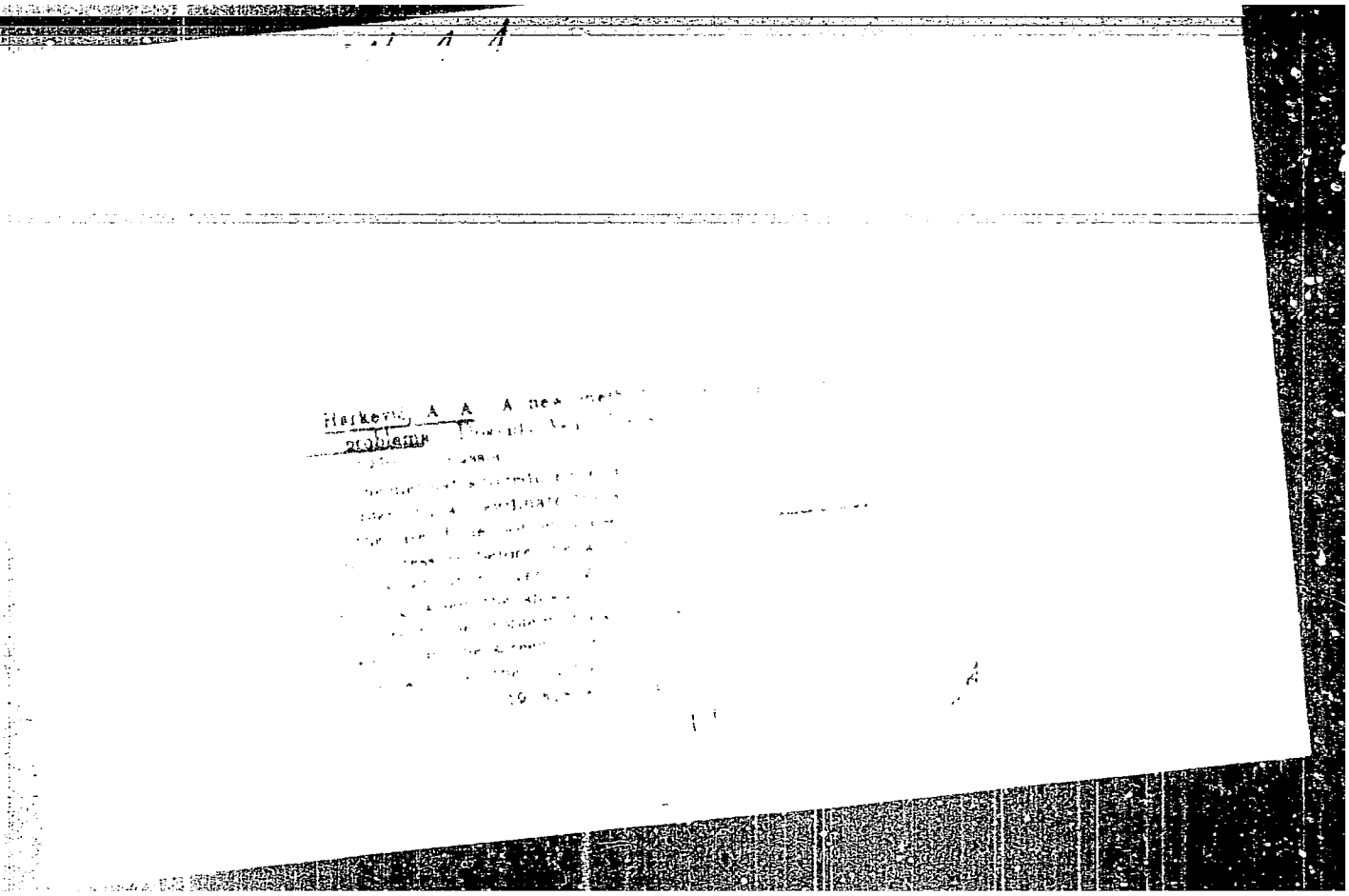
"Equations of an Acoustic Transmission System," A. A. Kharkevich, 3 pp

"Dok Ak Nauk SSSR" Vol LXXII, No 2

Describes new simpler method of obtaining classical equations describing pressure and volumetric speed of subject system, i.e., combination of two antennas, each of which can be either a radiator or a receiver. Submitted 3 Mar 50 by Acad S. I. Vavilov.

160T86

[redacted]



KHARKEVICH, A.
KHSRKEVICH, A.

168T80

USSR/Physics - Books
Sound, Concentrated
Jun 50

"Review of L. D. Rozenberg's 'Sound Focusing Systems,'" A. Kharkevich

"Uspekh Fiz Nauk" Vol XLI, No 2, pp 247-248

Favorable review of subject book, which divided focusing systems into reflectors (mirrors), refractors (lenses), and diffractors (zonal plates). Last chapter discusses concentration of sound energy.

[redacted]

168T80

KHARKEVICH, A.A.

PHASE I TREASURE ISLAND BIBLIOGRAPHIC REPORT AID 170 - I

BOOK Call No.: QC451.K46

Author: KHARKEVICH, A. A.
Full Title: SPECTRA AND ANALYSES
Transliterated Title: Spektry i analiz

Publishing Data
Originating Agency: None
Publishing House: State Publishing House of Technical Theoretical Literature
Date: 1952 No. pp.: 192 No. of copies: 6,000
Editorial Staff
Editor: Gurov, K. P. Tech. Ed.: None
Editor-in-Chief: None Appraiser: None

Text Data
Coverage: The spectral representations adopted in the theories of vibration, acoustics, and radio technique are analyzed theoretically, and various methods of spectral analysis discussed.

This book uses the theoretical-analytical approach more extensively than the few existing English books on the same subject, with the possible exception of G. Herzberg's Molecular Spectra, Canada, 1950.

Purpose: Expansion of the theoretical horizon of knowledge of engineers working in the fields of radio and acoustics, and as a textbook for technical college students in these specialities.

Spektry i analiz

AID 170 - I

Facilities: None
No. of Russian and Slavic References: 31 (1915-1950)
Available: Library of Congress.

KHARKEVICH, A. A.

"Spectra and Analysis," by A.A.Kharkevich, Cor. Mbr., AS Ukr SSR, a report read at a conference of the Acoustics Commission, AS USSR from 1-3 February 1951 in Leningrad.

W-21610, 25 Feb 52